



BRUHAT BANGALORE MAHANAGARA PALIKE
YALAHANKA ZONE, PROJECT DIVISION
BYTARAYANPURA

Name of Work: Construction of CC Drains and Roads in 2nd main and 3rd main and Surrounding roads of RK Hegdenagar, Dasarahalli Village, Rchenahalli Village and Saripalya Village in Ward No.6.

1st & PART BILL

TEST REPORTS



TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com



BRUHAT BANGALORE MAHANAGARA PALIKE
YALAHANKA ZONE, PROJECT DIVISION
BYTARAYANPURA

Name of Work: Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.6

1st & PART BILL

TEST REPORTS



TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

Date: 12/01/2021

No. EE(Project)/Ynk Zone/WO/183/2019-20

To
The Executive Engineer
Project Division, Yelahanka Zone
Bruhat Bangalore Mahanagara Palike
Bangalore - 560092

Dear Sir

Sub: Construction of CC Drains and Roads in 2nd main and 3rd main and Surrounding roads of RK Hegdenagar, Dasarahalli Village, Rchenahalli Village and Saripalya Village in Ward No.6.

In reference to the above subject, this is to bring to your kind notice that we have scrutinized the **First and Part bill** submitted by **Sri. P Hemanth (M/s Soorya Creators)** towards the above said work and arrived at an amount of **Rs 4,68,88,478.72 (Rupees Four Crore Sixtyeight Lakhs Eightynine Thousand Four Hundred Seventy Eight and Seventy two Paisa Only)** the work has been completed satisfactorily.

This is for your kind information.

Thank you and assuring you the best of our Services at all the times

For Tejus Consultants
(Nischal M)*

TEST REPORT					
Clients	Bruhat Bangalore Mahanagara Palike				
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.				
Consultants	TEJUS CONSULTANTS				
Contractor	Sri. P Hemanth (SOORYA CREATERS)				
Total Weight:	10000	gms			
SIEVE ANALYSIS					
Type of Material	12.5 mm down size	Proposed Use	CONCRETE		
Sample Location	15th cross, Hegdenagar 2nd main	Date of Sampling	05-07-2020		
		Date of Testing	06-07-2020		
IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	538	538	5.38	94.62	90-100
10.0	4622	5160	51.60	48.40	40-85
4.75	4552	9712	97.12	2.88	0-10
Pan	288	10000			
Remarks : ✓ Satisfactory / Not Satisfactory					
Note: 1. The report shall not be reproduced, except in full, without the written approval of the laboratory. 2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site. 3. Any Query regarding the report must be reported reported within 15days from the date of testing. 4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.					
 Authorized Signatory					

TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri. P Hemanth (SOORYA CREATERS)
Total Weight:	10000 gms

SIEVE ANALYSIS

Type of Material	20 mm down size		Proposed Use	Concrete	
Sample Location	15th cross, Hegdenagar 2nd main		Date of Sampling	05-07-2020	
			Date of Testing	06-07-2020	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
40.00 mm	0	0	0	100	100
20.00 mm	266	266	2.66	97.34	95 - 100
10.00 mm	4836	5102	51.02	48.98	25 - 55
4.75 mm	4224	9326	93.26	6.74	0 - 10
Pan	674	10000			

Remarks :  Satisfactory / Not Satisfactory

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory /Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory



TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri. P Hemanth (SOORYA CREATERS)

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

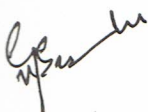
Type of Material	Fine aggregate (M sand)		Proposed Use	concrete	
Location/Source	15th cross, Hegdenagar 2nd main		Date of Sampling	05-07-2020	
Period of Soaking	24 hours		Date of Testing	06-07-2020	
Sl. No.	Test Property	TRIAL - 1	TRIAL - 2	TRIAL - 3	
A	Weight of sturated surface dry sample gm.	648	678	658	
B	Weight of oven - dry sample gm.	641	670	648	
C	Weight of Pycnometer Filled with water gm	1275	1275	1275	
D	Weight of Pycnometer + sample + water gm	1682	1701	1690	
E	Bulk specific gravity $\frac{B}{(C + A - D)}$	2.660	2.659	2.667	2.662
G	Absorption (%) $\frac{(A - B) * 100}{B}$	1.092	1.194	1.543	1.276

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples received in the laboratory /Site.
- Any Query regarding the report must be reported reported within 15days from the date of testing.
- The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory



TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Consultants	Tejus Consultants, Bangalore
Contractor	Sri. P Hemanth (SOORYA CREATERS)

SIEVE ANALYSIS

Total Weight:	3000 gms				
Type of Material	Fine aggregate M sand)		Proposed Use	concrete	
Sample Location	15th cross, Hegdenagar 2nd main		Date of Sampling	06-07-2020	
			Date of Testing	07-07-2020	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
75 mm	0	0	0	100.00	100
150 mm	212	212	7.07	92.93	90 - 100
300 mm	308	520	17.33	82.67	75 - 100
475 mm	426	946	31.53	68.47	55 - 90
750 mm	482	1428	47.60	52.40	35 -59
1000 mm	712	2140	71.33	28.67	8-30
1500 mm	632	2772	92.40	7.60	0 - 10
2000 mm	228	3000			-

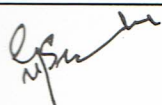
Remarks : ☒ Satisfactory / Not Satisfactory

Notes:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
- Any Query regarding the report must be reported reported within 15days from the date of testing.
- The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory



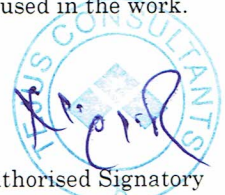
TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.							
Client	Bruhat Bangalore Mahanagar Palike							
Consultant	TEJUS CONSULTANTS							
Contractor	Sri. P Hemanth (SOORYA CREATERS)							
Grade of concrete:	M20							
Size of cube:	150x150x150 mm							
Reference IS code:	IS:516-1959							
Sample Location	15th cross, Hegdenagar 2nd main @ ch.45.00m RHS							
Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	6-07-2020	13-07-2020	7 days	8.120	22500	306	13.60	13.57
2	6-07-2020	13-07-2020	7 days	8.130	22500	308	13.69	
3	6-07-2020	13-07-2020	7 days	8.140	22500	302	13.42	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory





TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.							
Client	Bruhat Bangalore Mahanagar Palike							
Consultant	TEJUS CONSULTANTS							
Contractor	Sri. P Hemanth (SOORYA CREATERS)							
Grade of concrete:	M20							
Size of cube:	150x150x150 mm							
Reference IS code:	IS:516-1959							
Sample Location	15th cross, Hegdenagar 2nd main @ ch.45.00m RHS							
Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	06-07-2020	02-08-2020	28 days	8.138	22500	494	21.96	22.07
2	06-07-2020	02-08-2020	28 days	8.124	22500	496	22.04	
3	06-07-2020	02-08-2020	28 days	8.146	22500	500	22.22	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory





Test Report on Cement

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. P Hemanth (SOORYA CREATERS)
Sample ID	Cement (ACC Cement) OPC 43 Grade
Date of Sample Tested	06-07-2020
Sample Supplied By	Agency

SLNo.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	106Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	480 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	6 mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	29.00%	25 % to 35

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory /Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory



TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri. P Hemanth (SOORYA CREATERS)
Total Weight:	10000 gms

SIEVE ANALYSIS

Type of Material	20 mm down size		Proposed Use	Concrete	
Sample Location	Temple road, Hegdenagar 2nd main		Date of Sampling	08-07-2020	
			Date of Testing	09-07-2020	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
40.00 mm	0	0	0	100	100
20.00 mm	266	266	2.66	97.34	95 - 100
10.00 mm	4836	5102	51.02	48.98	25 - 55
4.75 mm	4228	9330	93.30	6.70	0 - 10
Pan	670	10000			

Remarks : ☒ Satisfactory / Not Satisfactory

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory /Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory

TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Consultants	TEJUS CONSULTANTS
Contractor	Sri. P Hemanth (SOORYA CREATERS)
Total Weight:	10000 gms

SIEVE ANALYSIS

Type of Material	12.5 mm down size		Proposed Use	CONCRETE	
Sample Location	14th cross, Hegdenagar 2nd main		Date of Sampling	08-07-2020	
			Date of Testing	09-07-2020	
IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	520	520	5.20	94.80	90-100
10.0	4496	5016	50.16	49.84	40-85
4.75	4542	9558	95.58	4.42	0-10
Pan	442	10000			

Remarks :  Satisfactory / Not Satisfactory

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.							
Client	Bruhat Bangalore Mahanagar Palike							
Consultant	TEJUS CONSULTANTS							
Contractor	Sri. P Hemanth (SOORYA CREATERS)							
Grade of concrete:	M20							
Size of cube:	150x150x150 mm							
Reference IS code:	IS:516-1959							
Sample Location	15th cross, Hegdenagar 2nd main @ ch.165.00m RHS							
Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	8-07-2020	15-07-2020	7 days	8.124	22500	308	13.69	13.66
2	8-07-2020	15-07-2020	7 days	8.146	22500	304	13.51	
3	8-07-2020	15-07-2020	7 days	8.134	22500	310	13.78	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory





TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.							
Client	Bruhat Bangalore Mahanagar Palike							
Consultant	TEJUS CONSULTANTS							
Contractor	Sri. P Hemanth (SOORYA CREATERS)							
Grade of concrete:	M20							
Size of cube:	150x150x150 mm							
Reference IS code:	IS:516-1959							
Sample Location	15th cross, Hegdenagar 2nd main @ ch.165.00m RHS							
Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	8-07-2020	04-08-2020	28days	8.132	22500	490	21.78	21.94
2	8-07-2020	04-08-2020	28days	8.142	22500	496	22.04	
3	8-07-2020	04-08-2020	28days	8.144	22500	495	22.00	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory





TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri. P Hemanth (SOORYA CREATERS)

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

Type of Material	Fine aggregate (M sand)		Proposed Use	concrete	
Location/Source	Temple road, Hegdenagar 2nd main		Date of Sampling	08-07-2020	
Period of Soaking	24 hours		Date of Testing	09-07-2020	
Sl No.	Test Property	TRIAL - 1	TRIAL - 2	TRIAL - 3	
A	Weight of sturated surface dry sample gm.	648	678	658	
B	Weight of oven - dry sample gm.	641	670	648	
C	Weight of Pycnometer Filled with water gm	1275	1275	1275	
D	Weight of Pycnometer + sample + water gm	1682	1701	1690	
E	Bulk specific gravity $\frac{B}{(C + A - D)}$	2.660	2.659	2.667	2.662
G	Absorption (%) $\frac{(A - B) * 100}{B}$	1.092	1.194	1.543	1.276

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples received in the laboratory /Site.
- Any Query regarding the report must be reported reported within 15days from the date of testing.
- The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory



TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Consultants	Tejus Consultants, Bangalore
Contractor	Sri. P Hemanth (SOORYA CREATERS)

SIEVE ANALYSIS

Total Weight:	3000 gms				
Type of Material	Fine aggregate M sand)		Proposed Use	concrete	
Sample Location	Temple road, Hegdenagar 2nd main		Date of Sampling	09-07-2020	
			Date of Testing	10-07-2020	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
10.00 mm	0	0	0	100.00	100
75 mm	206	206	6.87	93.13	90 - 100
36 mm	308	514	17.13	82.87	75 - 100
1.18 mm	412	926	30.87	69.13	55 - 90
0.600 mm	486	1412	47.07	52.93	35 -59
300 mm	762	2174	72.47	27.53	8-30
150 mm	640	2814	93.80	6.20	0 - 10
Pan	186	3000			-

Remarks :

✓ Satisfactory / Not Satisfactory

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
- Any Query regarding the report must be reported reported within 15days from the date of testing.
- The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.

A.E.E. (Project)

TEJUS CONSULTANTS

Authorised Signatory

Handwritten signature

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.							
Client	Bruhat Bangalore Mahanagar Palike							
Consultant	TEJUS CONSULTANTS							
Contractor	Sri. P Hemanth (SOORYA CREATERS)							
Grade of concrete:	M20							
Size of cube:	150x150x150 mm							
Reference IS code:	IS:516-1959							
Sample Location	14th cross, Hegdenagar 2nd main @ ch.75.00m LHS							
S.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	09-07-2020	16-07-2020	7 days	8.122	22500	312	13.87	13.72
2	09-07-2020	16-07-2020	7 days	8.146	22500	310	13.78	
3	09-07-2020	16-07-2020	7 days	8.136	22500	304	13.51	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.

A.E.E. (Project)



Authorised Signatory

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.							
Client	Bruhat Bangalore Mahanagar Palike							
Consultant	TEJUS CONSULTANTS							
Contractor	Sri. P Hemanth (SOORYA CREATERS)							
Grade of concrete:	M20							
Size of cube:	150x150x150 mm							
Reference IS code:	IS:516-1959							
Sample Location	14th cross, Hegdenagar 2nd main @ ch.75.00m LHS							
Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	09-07-2020	05-08-2020	28days	8.136	22500	500	22.22	22.13
2	09-07-2020	05-08-2020	28days	8.142	22500	498	22.13	
3	09-07-2020	05-08-2020	28days	8.148	22500	496	22.04	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
4. The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.

[Handwritten Signature]

[Handwritten Signature]
Authorised Signatory

Test Report on Cement

Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri. P Hemanth (SOORYA CREATERS)
Sample ID	Cement (ACC Cement) OPC 43 Grade
Date of Sample Tested	09-07-2020
Sample Supplied By	Agency

SLNo.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	110Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	486 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	8 mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	28.00%	25 % to 35

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples received in the laboratory /Site.
- Any Query regarding the report must be reported reported within 15days from the date of testing.
- The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.

(Signature)
A.E.E. (Project)

(Signature)
Authorised Signatory

TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Construction of CC Drains and Roads in RK Hegdenagar 2nd Main and Surrounding Roads in Ward No.6.
Consultants	TEJUS CONSULTANTS
Contractor	Sri. P Hemanth (SOORYA CREATERS)
Total Weight:	10000 gms

SIEVE ANALYSIS

Type of Material	12.5 mm down size		Proposed Use	CONCRETE	
Sample Location	15th cross,Hegdenagar 2nd Main		Date of Sampling	15-07-2020	
			Date of Testing	16-07-2020	
IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	506	506	5.06	94.94	90-100
10.0	4596	5102	51.02	48.98	40-85
4.75	4432	9534	95.34	4.66	0-10
Pan	466	10000			

Remarks :  Satisfactory / Not Satisfactory

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory/Site.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.
- 4.The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.


A.E.E. (Project)


Authorised Signatory